

KRIVOYOG, S.H

24-58-3-35/38

AUTHOR: Solomonov, M.

TITLE: Problems of the Construction and Exploitation of Mining Enterprises. Scientific-Technical Conference at the Institute of Mining, Academy of Sciences USSR (Voprosy stroitel'stva i ekspluatatsii gornykh predpriyatiy. Nauchno-tekhnicheskoye soveshchaniye v Institute Gornogo dela Akademii nauk SSSR)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, 1958, Nr 3, p 173 (USSR)

ABSTRACT: On November 20-21, 1957, a conference took place on the problems of the construction and exploitation dealing with the mineral deposits under complicated hydrological and geological engineering conditions. The conference was organized by the Institute of Mining together with the Central Administration of the Scientific-Technical Society; 320 delegates, nearly all representatives of the appropriate large enterprises, were present. The conference was opened by Academician L. D. Shevyakov. At the plenary meeting of the conference the following papers were presented: A. T. Bobryshev on "Hydrological conditions of the Yakovlev deposits of the Belgorod iron ore district of the Kursk Magnetic Anomaly (KMA) and the corresponding scheme of the lowering of the water level and

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Problems of the Construction and Exploitation of Mining Enterprises.
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of Sciences USSR.

draining undertakings": M. I. Agoshkov on "Methods of opening workings and the systems of exploitation of the rich iron ores of the Belgorod district of the Kursk Magnetic Anomaly"; G. N. Man'kovskiy on "The tasks of scientific research in the field of construction and exploitation of mining enterprises of soaked deposits"; I. V. Popov on "The task of engineering geology in connection with the appraisal of conditions of opening and exploitation workings of deposits"; S. A. Kri-vorog on "Methods of draining of heavily water-soaked coal deposits and ways of their perfection"; H. F. Unkovskaya and M. N. Gusarev on "Mining works under conditions of water - soaked karst"; D. I. Maliovanov on "New equipment in shaft construction by special methods". Several papers were submitted in the conference sections: "On the introduction into practice of blasting timber technique in the Moscow Basin"; "On the experience of sinking main (entry) shafts under the complicated hydrological conditions of the Tula coal deposits"; "Exploitation of main shafts in the frozen quaternary coal deposits of Vorkuta"; "On the influence of soaking upon the development procedure of the polymetallic ores of Zyrankoye deposit";

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of Sciences USSR.

"On the opencast workings of the Kursk Magnetic Anomaly
Lobedinskoye deposit under complicated geological conditions";
"On drainage methods of opencast workings tracts of Mar'yevskoye
and Aleksandrovskoye deposits in the Nikopol' manganese basin";
"Experience in the planning of drainage works in the opencast
workings of waterlogged coal deposits" (example set by Ukrgi-
proshakht); "On the experience of construction and opencast
workings of Bashkirya"; "Prediction methods of engineering -
geological conditions in opening and development procedure
in mineral bearing tracts"; (based on the experience of KMA);
"On vertical drainage under the conditions of shaft waters
being dropped down to the karst-layers level" (exemplified
by the Cheremkha coal-bearing tract); "On the draining oper-
ation of Iletskoye and Salovinskoye deposits of rock salt"; and
others. The conference emphasized the necessity of the im-
provement of the existing organizations of hydrological and
engineering-geological works, the furthering of rock pressure
laws learning, the perfecting of development operations, full-

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size diameter shaft drilling, rock freezing, stopping of
cracked rocks and lowering of the water level. Taking the
complicated innate conditions of iron ore deposits of the
Kursk Magnetic Anomaly into consideration, the conference
stressed the purposefulness of the scientific-exploratory
works of the Lebedinskiy open pit workings - now in reconstruc-
tion - to be carried through - to fix up stable angles of
slopes (dip).

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1. Mining--Conference--USSR

NESTERENKO, G.V.; KRIVOROTENKO, A.N.; TSIBUL'CHIK, V.M.

Genesis and heavy mineral sources of sandy pebbles in the Kiya series (Lower Cretaceous). Geol. i geofiz. no.5:79-92 '63.
(MIRA 16:8)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR,
Novosibirsk.

(Chulym-Yenisey lowland—Pebbles)

KRIVOROT'KO, A. S., inzh.

Use of signaling and electric protection systems for facilitating an
extension of the work of boiler attendants. Energetik 10 no.5:7-
9 My '62. (MIRA 15:5)

(Boilers)

KRIVOROT'KO, V.F. (Khar'kov, ul. Artema, d.8)

Atypical clinical course of tumors of the kidneys. Nov. khir. arkh.
no.1:68-70 Ja-F '60. (MIRA 15:2)

1. Kafedra urologii (nauchnyy rukovoditel' - prof. G.Ya.Alapin)
Khar'kovskogo instituta usovershenstvovaniya vrachey na baze 2-y
gorodskoy bol'nitsy i Khar'kovskiy rentgenologicheskiy i onkologicheskiy
institut.

(KIDNEYS--TUMORS)

KRIVOROT'KO, V.F., aspirant

Results of the treatment of neoplasms of the kidneys and upper urinary tract. Zdrav.Bel. 8 no.7:57-59 J1 '62. (MIRA 15:11)

1. Iz urologicheskoy kliniki Ukrainskogo instituta usovershenstvovaniya vrachey v Khar'kove (rektor - dotsent I.I.Ovsiyenko).
(KIDNEYS—TUMORS)
(URINARY ORGANS—TUMORS)

GANTS, N.I.; ZAV'YALOV, I.A.; KRIVOROT'KO, V.M.; SIDOROV, V.I.;
OSTRYAKOV, K.I., inzh., ~~retsensent~~; SHCHERBAKOV, V.P., inzh.,
red.; KHITROVA, N.A., tekhn. red.

[Preparing passenger cars for high-speed traffic; experience
of the Oktiabr' Railroad] Podgotovka passazhirskikh vagonov
dlin skorostnogo dvizheniia; opyt Oktiabr'skoi dorogi. Moskva,
Transzheldorizdat, 1963. 47 p. (MIRA 16:10)
(Railroads--Passenger cars)

ZAV'YALOV, I.A. (Leningrad); KRIVOROT'KO, V.M. (Leningrad)

Preparation of railroad cars for high-speed traffic. Zhel.dor.
transp. 46 no.6:28-30 Ja '64. (MIRA 18:1)

1. Nachal'nik sluzhby vagonnogo khozyaystva Okt-br'skoy dorogi
(for Zav'yalov). 2. Star shy inzh. sluzhby vagonnogo khozyaystva
Okt'yabr'skoy dorogi (for Krivorot'ko).

VOROB'YEV, S.I. (Leningrad); KRIVOROT'KO, V.M. (Leningrad); SERAFIMOVICH, V.S., starshiy nauchnyy sotrudnik (Leningrad)

Repair of the regulators of brake rigging. Zhel. dor. transp.
47 no. 11:60-62 N '65 (MIRA 19:1)

1. Master avtokontrol'nogo punkta vagonnogo depo Leningrad-Sortirovochnyy Otktyabr'skoy dorogi (for Vorob'ev). 2. Starshiy inzh. vagonnoy sluzhby Otktyabr'skoy dorogi (for Krivorot'ko). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta Ministerstva putey soobshcheniya (for Serafimovich).

KRIVOROTOV, A.

Raise the standard of prefabrication in the construction of apartment houses. Na stroi. Ros. 3 no.5:20-22 My '62.

(MIRA 15:9)

1. Nachal'nik tsentral'noy laboratorii Gosudarstvennogo upravleniya po stroitel'stvu metallurgicheskikh zavodov v Magnitogore'e.

(Precast concrete construction)

KRIVOROTOV, A.M., inzh.

Nuclear packaged power plants. Energokhoz.za rub. no.4;144-45

J1-Ag '57. (MIRA 12:11)

(United States--Pressurised water reactors)

(Great Britain--Pressurised water reactors)

KRIVOROTOV, A.M., inzh.

Preventing corrosion of aluminum-steel conductors of overhead
electric power transmission lines. Elek. sta. no. 4 Supplement:
46 J1-Ag '58. (MIRA 11:10)
(Great Britain--Electric lines--Overhead)

KRIVOROTOV, A.M., inzh.

Direct-current power-transmission system coupling the power systems of Great Britain and France (from "ASEA Journal," nos. 1,2,6, 1958). Energokhoz. za rub. no.1:37-40 Ja-F '59.

(MIRA 12:4)

(Great Britain--Electric power distribution--Direct current)
(France--Electric power distribution--Direct current)

KRIVOROTOV, A.M., inzh.

Class E insulation for low-tension electric machinery.
Energekhoz. za rub. no.2:38-39 Mr-Ap '59. (MIRA 12:5)
(Electric insulators and insulation)

KRIVOROTOV, A.M.

Concerning the possibility of connecting local electric power consumers to the internal power supply system of an electric power plant. Energetik 9 no.4:32 Ap '61. (MIRA 14:8)
(Electric power distribution)

KRIVOROTOV, A.M.

Procedure for disconnecting electric power transformers.
Energetik 10 no.12:28 D '62. (MIRA 16:1)
(Electric power distribution) (Electric transformers)

KRIVOROTOV, A.M., inzh.

Review of G.L. Vul'man's book "Operation of generators in
electric power plants." Elek. sta. 34 no.10:96 0 '63.

(MIRA 16:12)

KRIVOROTOV, A.P.

Experimental study of the bearing capacity of a sand foundation.
Osn., fund.i mekh.grun. 4 no.5:6-9 '62. (MIRA 15:12)
(Foundations--Testing)

KRIVOROTOV, A.P., inzh.

Compactness of sand foundations in a limit state, Trudy NIIZHT no.
28:71-75 '62. (MIRA 16:11)

KRIVOROTOV, A.P. (Novosibirsk)

Behavior of a sandy foundation bed under a vertically loaded
stamp. Osn., fund. i mekh. grun. 7 no.3:4-6 '65.

(MIRA 18:6)

SAFRONOV, N.F., inzh.; KHIVCHOTOV, A.S.

Polymer cement concrete floors in construction and in the course of their
use. Prom. stroi. 43 no.9:6-9 '65. (MIRA 18:9)

MKETUMYAN, A.K., kandidat tekhnicheskikh nauk; KRIVOROTOV, A.S., starshiy inzhener.

Factory for large-paneled apartment house building. Stroi. prom.
34 no.8:14-19 Ag '56. (MLRA 9:10)

(Magnitogorsk--Precast concrete) (Apartment houses)

KRIVOROTOV, F.M.;

Gradual retarder for automatic beet scales. Sakh. prom. 32 no.1:63-
64 Ja '58. (MIRA 11:2)

1. Salivonkovskaya gruppovaya laboratoriya.
(Scales (Weighing instruments))
(Sugar industry--Equipment and supplies)

KRIVOROTOV, F.M.

Extensible closing bar for the lock elbow of the DC-500-2 scales.
Sakh. prom. 32 no.2:33-34 F '58. (MIRA 11:3)

1. Salivonkovskaya grupnovaya laboratoriya.
(Weighing machines)

KRIVOROTOV, F.M.

Automatic scales for weighing molasses. Sakh.prom. 34 no.10:35-37
O '60. (MIRA 13:10)

1. Salivonkovskaya gruppovaya laboratoriya.
(Mironovka--Molasses) (Scales (Weighing instruments))

KRIVOROTOV, I.A., prof.

Bandaging of wounds at regimental medical stations. Voen.-med. shrn.
no.1:18-20 Ja '59. (MIRA 12:3)

(WOUNDED AND SICK
bandaging of wds. in field cond. (Rus))

KRIVOROTOV, I.A., prof.

Endarteritis among servicemen in wartime. Voen.-med. zhur. (MIRA 15:5)
no.10:88 0 '61.

(ARTERIES—DISEASES)

KRIVOROTOV, I.A., prof.; STEPANOV, A.S., podpolkovnik meditsinskoy sluzhby,
kand.med.nauk; IVANOV, K.S., podpolkovnik meditsinskoy sluzhby.

Complications and changes in the internal organs in thermal burns.
Voen.-med. zhur.no.8:3-8 Ag'58. (MIRA 16:7)
(BURNS AND SCALDS)

I 921E-66 EWT(1)/EWT(m)/ETC/EWT(m)/T/EWP(t)/EWP(h) LJP(c) RDM/JD/JG/GG
ACC NR: AR6000121 SOURCE CODE: UR/0058/65/000/008/ED46/ED46

SOURCE: Ref. zh. Fizika, Abs. 8E343

AUTHORS: Maronchuk, Yu. Ye.; Krivorotov, Ye. A.; Sherstyakov, A. P.

ORG: none

TITLE: On the processes of formation of single-crystal films of cadmium and mercury telluride

CITED SOURCE: Sb. Vychisl. sistemy. Vyp. 15. Novosibirsk, 1965, 67-75

TOPIC TAGS: single crystal growing, mercury, cadmium, telluride, polycrystalline film, temperature dependence

TRANSLATION: The authors consider the processes of growing single-crystal layers of CdTe and HgTe, the influence of the composition of the vapor, of the temperature, and of the substrate parameters on the structure of the produced films. The presence of an excess of mercury vapor results in highly oriented single-crystal films of n-type with high carrier mobility ($6-8 \times 10^3 \text{ cm}^2/\text{v-sec}$). The films contained mutually oriented cubic ($a = 6.429 \text{ \AA}$) and hexagonal phases ($a = 4.58 \text{ \AA}$, $c = 7.46 \text{ \AA}$). At low mercury pressures and at slow evaporation, polycrystalline films of HgTe of p-type were grown with low carrier mobility ($50-10 \text{ cm}^2/\text{v-sec}$) and very small crystalline grains. The thermodynamic calculations and the experimental results show that the single-crystal HgTe dissociates when heated in vacuum. A study was made of the influence of the orientation of the substrate material on the orientation of the CdTe

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films. The presence of cubic and hexagonal phases was also observed in CdTe layers; the fraction of the hexagonal phase decreased with increasing substrate temperature. It is proposed that the appearance of the hexagonal phase in the HgTe and CdTe films is due to the influence of the composition of the vapor on the structure of the grown layers. Yu. Dymshits.

SUB CODE: 20

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ACC NR: AR6019914

SOURCE CODE: UR/0275/66/000/002/B018/B018

AUTHOR: Maronchuk, Yu. Ye.; Krivorotov, Ye. A.; Sherstyakov, A. P.

TITLE: Processes involved in the formation of single crystal films of cadmium and mercury telluride

SOURCE: Ref. zh. Elektronika i yeye primeneniye, Abs. 2B132

REF SOURCE: Sb. Vychisl. sistemy. Vyp. 15. Novosibirsk, 1965, 67-75

TOPIC TAGS: cadmium telluride, mercury, telluride, ^{compound} surface film, single crystal growing

ABSTRACT: The processes involved in growing single crystal layers of CdTe and HgTe, the effect of vapor composition, temperature, and the parameters for the base on the structure of the films formed are reviewed. When there is an excess of mercury vapor what is obtained on the base is a highly oriented single crystal n-type film with a highly mobile carrier (6 to 8×10^3 cm²/volt-second). Mutually oriented cubic ($a = 6.429\text{\AA}$) and hexagonal phases ($a = 4.58\text{\AA}$, $c = 7.46\text{\AA}$) were present in the films. At low mercury pressures and with slow evaporation polycrystalline p-type HgTe films with carriers with little mobility (50 to 10 cm²/volt-second) and very small crystalline grains were grown. The thermodynamic calculation was made, and the experimental results showed that single crystals of HgTe disassociate upon

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UDC: 621.315.592:548.552:546.24'48/.49

ACC NR: AR6019914

being heated in a vacuum. The effect of the orientation and of the substance of which the base is made on orientation of the CdTe film was studied. The percentage of the hexagonal phases fell with reduction in base temperature. It is assumed that the hexagonal phase phenomenon in the HgTe and CdTe films is the result of the effect of the vapor composition on the structure of the layers grown. Yu. D. [Translation of abstract]

SUB CODE; 20

Card 2/2

KRIVOROTOVA, M.M.

Undiagnosed foreign body in the bronchus leading to lung
resection. Kaz.med. zhur. no.2:72-73 M~Ap'63 (MIRA 16:11)

1. Khirurgicheskoye otdeleniye (zav. - M.M.Krivorotova) Mariy-
skogo respublikanskogo protivotuberkuleznogo dispansera (glavnyy
vrach - T.V. Korde).

*

KRIVOROTOVA, Ye. S.

SOT'SKOV, B. S., KRIVOROTOVA, Ye. S.

"The reliability of a coil of an electromagnetic mechanism"

Report presented at the Seminar on reliability problems [Reliability Section of the Scientific Council on Cybernetics, Presidium AS USSR] 28 Jan - 25 Feb 63

KRIVORUCHENKO, I.V.

Effect of β -sitosterol on lipid metabolism and the course of
atherosclerosis. Sov.med. 26 no.12:32-37 D '62. (MIRA 1612)

1. Iz terapevticheskogo sektora (zav. - prof. B.V. Il'inskiy)
Instituta fiziologii imeni I.P. Pavlova (dir. - prof. V.N.
Chernigovskiy) AN SSSR, Leningrad.

(LIPID METABOLISM) (ARTERIOSCLEROSIS)
(SITOSTEROL)

Y. IVORUCHENKO, I.V.

Ascorbic acid treatment in atherosclerosis. Ter. arkh. 35 no.4:
48-53 Ap'63 (NIRA 17:1)

1. Iz gruppy po aterosklerozu (rukovoditel' - doktor med. nauk
I. Ye. Ganel'me) Instituta fiziologii imeni I.P.Pavlova (dir.-
akademik V.N. Chernigovskiy) AN SSSR i 3-y terapevticheskoy
kliniki (zav. - prof. B.V. Il'inskiy) Gosudarstvennogo insti-
tuta dlya usovershenstvovaniya vrachey, Leningrad.

GANELINA, I. Ye.; DERYAGINA, G.P.; KRIVORUCHENKO, I.V.; LIPOVETSKIY, B.M.

Blood lipids and some indices of the blood coagulation system.
Ter. arkh. 35 no.7:13-23 J1'63 (MIRA 17:1)

1. Iz gruppy klinicheskoy i eksperimental'noy kardiologii
(rukovoditel' - doktor med. nauk I. Ye. Ganelina) Instituta
fiziologii (dir. - akademik V.N.Chernigovskiy) AN SSSR i
III terapevticheskoy kafedry (zav. - prof. B.V. Il'inskiy)
Gosudarstvennogo instituta dlya usovershenstvovaniya vrachey.

KRIVORUCHENKO, I.V.; UGOLEV, A.M.; SHERSTOBITOV, O.Ye.

Effect of total removal of the duodenum on blood lipids. Dokl.
AN SSSR 149 no.5:1225-1228 Ap '63. (MIRA 16:5)

1. Institut fiziologii im. I.P.Pavlova AN SSSR. Predstavleno
akademikom V.N.Chernigovskim.
(DUODENUM) (LIPID METABOLISM)

IL'INSKIY, B.V.; BORISOVA, L.I.; KARLOVA, N.P.; KOMAROVA, I.H.;
KRIVORUCHENKO, I.V.; PETROVA, N.P.

Characteristics of the biochemism of the blood in
atherosclerosis. Trudy Inst. klin. i eksper. kard. AN Gruz.
SSR 8:35-44 '63. (MIRA 17:7)

1. Iz III terapevticheskoy kafedry Gruzinskogo instituta dlya
usovershenstvovaniya vrachey i gruppy po aterosklerozu Instituta
fiziologii imeni Pavlova AN SSSR, Leningrad.

DERYAGINA, G.P.; KRIVORUCHENKO, I.V. (Leningrad)

Mechanism of the effect of iodine therapy in atherosclerosis.
Terap. arkh. 35 no.9:29-34 9'63 (MIRA 17:4)

1. Iz gruppy klinicheskoy i eksperimental'noy kardiologii (rukovoditel' - doktor med. nauk I.Ye. Ganelina) Instituta fiziologii (dir. akademik V.N. Chernigovskiy) AN SSSR i 3-y kafedry terapii (zav. - prof. B.V. Il'inskiy) Leningradskogo gosudarstvennogo-usovershenstvovaniya vrachey.

ABDURAKHMANINOV, F.A.; GANELINA, I.Ye., doktor med.nauk; KRIVORUCHENKO, I.V.;
LIPOVETSKIY, B.M.; CHERNIGOVSKAYA, S.V. (Leningrad)

Mechanism of the disturbance of lipid metabolism in atherosclerosis and the effect of lipemia on the blood coagulation system.
Vop.pit. 24 no.4:70-76 J1-Ag '65.

(MIRA 18:12)

1. Laboratoriya klinicheskoy i eksperimental'noy kardiologii
(zav. - doktor med.nauk I.Ye.Ganelina) Instituta fiziologii
AN SSSR imeni I.P.Pavlova, Leningrad. Submitted June 23, 1964.

GANELINA, Irina Yefimovna; KOMAROVA, Irina Nikolayevna;
KRIVORUCHENKO, Irina Vyacheslavovna; LIPOVETSKIY,
Boris Markovich

[Lipid metabolism and atherosclerosis; problems of lipid
metabolism regulation and the pathogenesis of athero-
sclerosis] Obmen lipidov i ateroskleroz; voprosy regu-
lyatsii obmena lipidov i patogeneza ateroskleroza. Mo-
skva, Nauka, 1965. 253 p. (MIRA 18:8)

1. Akademiya nauk SSSR. Institut fiziologii.

KRIVORUCHENKO, I.V. (Leningrad)

Characteristics of lipid metabolism in essential hyperlipemia
and xanthomatosis. Vop. pit. 24 no.1:63-66 Jan-F '65.

(MIRA 18:9)

1. Laboratoriya klinicheskoy i eksperimental'noy kardiologii
(zav. doktor med. nauk I. Ye. Ganulina) Institut fiziologii
AN SSSR imeni I.F. Pavlova, Leningrad.

RAVICH-SHCHEHBO, Yu.A.; KRIVORUCHENKO, L.P.

Staphylococcal poisoning from canned fish in oil. Gig. i san. no. 7:54-56
Jl '53. (MLRA 6:7)

1. Leningradskoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo instituta morskogo rybnogo khozyaystva i okeanografii.
(Food poisoning) (Staphylococcus)

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KRIVORUCHENKO, V.

~~Saving box~~ of the Communist Youth League. Isobr. 1 rats. no.9:
34-35 S '58. (MIRA 11:10)
(Communist Youth League) (Efficiency, Industrial)

KNIVORUCHENKO, V.

The Communist Youth League is always loyal to the party.
Komm. Vooruzh. Sil 4 no.1:8-14 Ja '64. (MIRA 17:9)

KRYVORUCHENKO, V. V.

ELECTROMETALLURGY

DECEASED
C. '63

1964

KRIVORUCHKO, A.; SAMOSHIN, A.

Assistance of engineers and technical workers. Pozh.delo 3 no.2:6-
7 F '57. (MIRA 10:4)

(Fire prevention)

KRIVORUCHKO, A. (Magnitogorsk); VORONIN, S. (g. Grosnyy); MELIKHOV, M.
(Stalingrad); IMPERT, M. (Krasnodar).

They fulfill their duty. Posh.delo 3 no.4:31 Ap '57. (MLRA 10:7)
(Fire prevention)

KRIVORUCHKO, A.M.

Mass exchange (humidity exchange) in mines. Nauch. trudy
KHQI 11:16-21 '62. (MIRA 16:11)

KARPUKHIN, V.D., kand.tekhn.nauk; KRIVORUCHKO, A.M., inzh.; LUK'YANOV,
Yu.P., inzh.

Experimental study of temperature fields around mine workings in
Mel'nikov Mine No.1-2 of the "Lisichanskugol'" Trust. Trudy Sem.
po gor.teplotekh. no.4:33-38 '62. (MIRA 15:8)

1. Khar'kovskiy gornyy institut.
(Donets Basin--Mine ventilation)

VOROPAYEV, A.F., doktor tekhn.nauk; LUK'YANOV, Yu.P., inzh.;
KRIVORUCHKO, A.M., inzh.

Study of heat emission from oxidation processes in Donets Basin
mines. Trudy Sem.po gor.teplotekh. no.4:53-56 '62.

(MIRA 15:8)

1. Khar'kovskiy gornyy institut.
(Mine ventilation)

KRIVORUCHKO, A.M., inzh.

Role of the rock massif in humidity changes in deep mine
workings. Sbor. DonUGI no.29:161-173 '63. (MIRA 16:10)

(Mine ventilation)

KRIVORUCHKO, A.M., inzh.; KONCHALOVA, A.V., inzh.

Character of the change in the moisture of a rock massif
according to the depth in the Donetsk and Makeyevsk mine
region of the Donetsk Basin. Ussr. Donbass no.34:192-199
1964. (UFA 17:11)

KRIVORUCHKO, A.M., inzh.

Effect of moisture evaporation from the surface of wall rocks
and the drainage ditch on the climate in deep mine workings.
Izv. vys. ucheb. zav.; gor. zhur. 7 no.3:76-83 '64
(MIRA 17:8)

1. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki
i vychislitel'noy tekhniki. Rekomendovana kafedroy tekhniki
bezopasnosti.

KRIVORUCHKO, A.M., inzh.

Heat balance in deep mine working of the Donets Basin. Sber. DonUGI
no.33:200-210 '64.

Regularities of heat and mass transfer during the evaporation of
moisture from open surfaces in deep mine workings. Ibid.:211-229
(MIRA 17:11)

RE: VORBUKHO, A.M., inzh.

Determining the moisture yielding capacity of rocks in deep mine workings. Izv. vjs. ucheb. zav.; gor. zhur. 8 no.1:48-52 '65. (MIRA 18:3)

1. Shar'kovskiy institut gornogo mashinostroyeniya, avtomatiki i vychislitel'noy tekhniki. Rekomendovana kafedroy tekhniki bezopasnosti i rudnichnoy ventilyatsii.

KRIVORUCHKO, B.I. (Leningrad)

Characteristics of the course of shock induced by the compression of soft tissues during acute radiation sickness.
Pat. fiziol. eksp. ter. 7 no.5:72-73 S-0'63 (MIRA 17:2)

1. Iz Voenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova i Instituta eksperimental'noy meditsiny AMN SSSR (nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. I.R. Petrov).

KRIVORUCHKO, B.I. (Leningrad)

Experimental data on the pathogenesis of shock induced by compression of the soft tissues. Pat. fiziol. i eksp. terap. 7
no.3: 26-30 My-Je'63 (MIRA 17:4)

1. Iz kafedry patologicheskoy fiziologii (nachal'nik - deystvitel'nyy chlen AMN SSSR prof. I.R. Petrov) Voenno-meditsinskoy ordena Lenina akademii imeni Kirova.

KRIVORUCHKO, F. D.

551 510.41 535.62
 54-79
 Krivoruchko, F. D. Opredeleeni khloro v atmosfere vozdukh. [Determination of chlorine content in the air.] Gigiena i Sanitariia, Moscow, 1:53-54, March 1953. DLC—
 A new colorimetric method of determining the chlorine content of air based on changes of color intensity of acidified solutions of methyl orange (Messnikov's procedure) is presented and described. Experiments made with various concentrations of sodium hypochlorite and methyl orange solutions have shown that the sensitivity of the method increases with the decrease of methyl orange concentration; that the concentration of acidified methyl orange solutions containing .0001-.03 mg of chlorine comply with Lambert Beer's law and that the optimum volume of pH is 3. The method makes it possible to determine the ultimate permissible concentration of chlorine in the air in 10 minutes. Subject Headings: 1. Atmospheric composition 2. Chlorine content measurement 3. Colorimetry.—A.M.P.

~~KRIVORUCHKO, F. D.~~

AID P - 2146

Subject : USSR/Medicine

Card 1/1 Pub. 37 - 15/18

Author : Krivoruchko, F. D., Kand. of Biol. Sci.

Title : Conference on Problems of Industrial and Medical Chemistry

Periodical: Gig. i san., 3, 55-56, Nr 1955

Abstract : Describes the work of the conference called by the Institute of Industrial Hygiene and Professional Diseases, Acad. of Med. Sci., SSSR, where 300 persons were present. New methods of investigation were discussed.

Institution: None

Submitted : No date

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KRIVORUCHKO, F.D.

Colorimetric method of determining trichlorosilane in air. Zav.lab. 27
no.3:290-291 '61. (MIRA 14:3)

1. Institut gigiyeny truda i profzabolevaniy.
(Silane) (Air—Analysis)

KRIVORUCHKO, F.D. (Moskva)

Colorimetric method for the determination of methyl chloride
in the air. Gig.truda i prof. zab. 6 no.12:51-53 D'62.

(MIRA 16:7)

1. Institut gigiyeny truda i professional'nykh zabolevaniy
AMN SSSR.

(METHANE) (AIR—ANALYSIS)

KRIVORUCHKO, F.D.

Methods of determining some harmful substances in the air of
factories manufacturing synthetic rubber. Trudy Kom. anal. khim.
13:123-132 '63. (MIRA 16'5)

1. Institut gigiyeny truda i professional'nykh zabolevaniy
AMN SSSR.

(Air—Analysis) (Gases, Asphyxiating and poisonous)
(Rubber, Synthetic)

KRIVORUCHKO, F.D., kand. biolog. nauk

Determination of triethoxysilane and ethyl ether of ortho-
silicic acid (tetraethoxysilane) in the air. Gig. sanit.
28 no.2:54-56 '63 (MIRA 17:2)

1. Iz Instituta gigiyeny truda i professional'nykh zabolevaniy
AMN SSSR.

KHIVORUCHKO, F.D.

Determination of nitrogen-containing organosilicon compounds in
the air. Zav.lab. 29 no.8:927-928 '63. (MIRA 16:9)

1. Institut gigiyeny truda i professional'nykh zabolevaniy Akademii
meditsinskikh nauk SSSR.

(Air—Analysis) (Nitrogen compounds)

KRIVONUCHKA, I. F.

KRIVONUCHKA, I. F.- "Materials on the Problem of Pathology of the Nervous System in Malignant New Growths." Kiev Order of Labor Red Banner Med Inst from Academician A. A. Boromolets, Kiev, 1955 (Dissertations for Degree of Candidate of Medical Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

KRIVORUCHKO, I. F.
USSR/General Problems in Pathology - Comparative Oncology U-1

Abs Jour : Ref Zhur - Biol., No. 18, 84966

Author : Krivoruchko, I. F.
Inst : no institute is given
Title : The Pathology of the Nervous System in Cancerous Disease

Orig Pub : Vopr. Onkologii, 1957, Vol. 3, No. 2, 207-213

Abstract : Data are presented on the neurologic studies of 200 patients with carcinoma, 15 patients with sarcoma, 15 with benign tumors, and 27 with other diseases. In all patients studied there were disruptions of the activity of the nervous system. The carcinomatous tumors were initially painless. Pain appeared with the involvement of nerve trunks in the tumor process, and also with degeneration of the tumor and the onset of infection. Sarcomas were often attended with pain

Card 1/3

USSR/General Problems in Pathology - Comparative Oncology U-1

Abs Jour : Ref Zhur - Biol., No. 18, 1958 84966

Abstract : from the very beginning. On the basis of studies of the vegetative reactions in 100 patients with carcinoma, 12 patients with sarcoma, and eight patients in whom no tumor could be found, it turned out that disturbances of the functions of the vegetative nervous system were more marked in those with carcinoma than in those with sarcoma, and that they came on earlier than disruptions of the functions of the somatic nervous system. In three of the 200 carcinoma patients there were pathological symptoms on the part of the CNS despite the absence of tumor in this area: (1) the picture of meningo-encephalitis, (2) manifestations on the part of the tubero-diencephalic region with diabetes insipidus, and (3) symptoms indicating damage to the spinal cord of the funicular myelosis type. In four patients there were psychic upsets. In patients with sarcoma these were not

Card 2/3

Abs Jour : Ref Zhur - Biol., No. 18, 1958, 84966

Abstract : seen. In the peripheral nerves of 13 patients there was polyneuritis, with paralyses and pareses, as well as neuralgia of a reflex and toxic nature. Due to neurologic studies, the diagnosis in 23 patients was changed or made more specific. - Ye. A. Skvirskaya

Card 3/3

KRIVORUCHKO, I.P., kand. med. nauk. (Kiyev, ul. Zhertv revolyutsii, d. 4); SLINCHAK, S.M., kand. med. nauk.

Pathology of the autonomic nervous system in malignant tumor cases. Nov. khir. arkh. 5:51-54 S-O '58. (MIRA 12:1)

1. Kafedra nervnykh bolezny (zav.- prof. B.M. Man'kovskiy) Kiyevskogo meditsinskogo instituta i kafedra onkologii (zav. - prof. I.T. Shevchen-go) Kiyevskogo instituta usovershenstvovaniya vrachey.
(NERVOUS SYSTEM, AUTONOMIC) (CANCER)

KRIVORUCHKO, I.F.

~~Pathology of the nervous system in extracerebral malignant tumors.~~
Pathology of the nervous system in extracerebral malignant tumors.
[with summary in French]. Zhur.nevr. i psikh. 58 no.5:537-541 '58
(MIRA 11:7)

1. Kafedra nervnykh bolezney (sav. - prof. B.N. Man'kovskiy)
Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta
imeni A.A. Bogomol'tsa.

(BRAIN, in var. dis.

neoplasms of various internal organs (Rus))

(NEOPLASMS, pathology.

brain in various internal tumors (Rus))

KRIVORUCHKO, I.I.

Hydraulic puller for mechanizing the removal of press-fit parts
in repairing heavy equipment. Mod.metallorazh.stan. no.19:3-8 '60.
(MIRA 14:3)

(Power tools)

KRIVORUCHKO, M.G.; KURLAT, F.L.; MIKHAYLOV, M.A.; SOKOLOVSKIY, Yu.Ye.;
YASTRZHEBSKIY, L.A., red.; STRZHIZHOVSKIY, F., red.; YANCHUK, A.,
red.; SHLYK, M., tekhn. red.

[Across the streets of Moscow; guidebook] Po ulitsam Moskvy; putevoditel'. Moskva, Mosk.rabochii, 1962. 429 p. (MIRA 15 9)

1. Rabotniki Moskovskogo gorodskogo ekskursionnogo byuro (for Krivoruchko, Kurlat, Mikhaylov, Sokolovskiy). 2. Direktor Muzeya istorii i rekonstruktsii Moskvy (for Yastrzhembskiy).
(Moscow—Guidebooks)

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ENCLOSURE: VI



KRIVORUCHKO, M. (Irkutskaya oblast')

Improving sliding switch contacts. Radio no. 6:58 Jo '55.
(Electric contactors) (MLRA 8:8)

KRIVORUCHKO, M., inzh.

Broaching connecting-rod bearings. Avt. transp. 36 no. 6:47
Je '58. (MIRA 11:7)

(Broaching machines)
(Bearings(Machinery))

KRIVORUCHKO, M., inzh.

Selecting the system for machining engine bearings. Avt.transp.
37 no.11:33-34 N '59. (MIRA 13:2)
(Bearings (Machinery))

KRIVORUCHKO, M.S. [Kryvoruchko, M.S.], inzh.-mekhanik

Cutter head of new design for the URB-VP boring machine. Mekh.
sil'.hosp. 11 no.1:20-21 Ja '60. (MIRA 13:4)
(Drilling and boring machinery)

AKIMOVA, R.N.; KRIVORUCHKO, N.A.; YAES, S.B.; NOVIKOVA-DANTSIGER, T.L.

Effect of transfusion with cationized blood on the hemodynamics,
blood proteins, and phagocyte activity of the leukocytes in blood
loss. Probl.gemat.i perel.krovi 5 no.6:50-55 Je '60.

(MIRA 13:12)

(HEMORRHAGE) (BLOOD TRANSFUSION) (BLOOD PROTEINS)
(PHAGOCYTOSIS)

SKLYAR, M.G.; TOLOCHKO, A.I.; KRIVORUCHKO, N.F.

Effect of heating ratio of coal on the output of coke. Koks i khim.
no.8:22-25 '61. (MIRA 15:1)

1. Ukrainskiy uglekhimicheskiy institut.
(Coke)

KRIVORUCHKO, N.M., inzh.

Effect of the joining of the wheel pairs and truck frames on
the smooth running of the vehicle. Trudy MIIT no.207:128-150
'65. (MIRA 19:1)

KACHER, Ya.F., inzh.; ISMAILOV, I.M., kand. tekhn. nauk; KUCHMAR, O.G., inzh.;
KRIVORUCHKO, N.V., inzh.

Pneumatic ChSP make seed cleaner. Masl.-zhir. prom. 29 no.8:
27-28 Ag '63. (MIRA 16:10)

1. Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta zhirov (for Kacher, Ismailov, Kuchmar). 2. Yangiyul'skiy
maslozhirovoy kombinat (for Krivoruchko).

KRIVORUCHKO, N. Z.

Organizatsiya vagonnogo khoziaistva. [Organization of the rolling stock].
2. ispr. i dop. izd. Utverzhdeno v kachestve uchebnika dlia tekhnikov zhel-dor.
transporta. Moskva, Gos. transp. zheldor. izd-vo, 1950. 443p. illus.
Bibliography: p. 436

DLG: TF375.K7 1950

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

KRIVORUCHKO, Nikolay Zakharovich, kandidat tekhnicheskikh nauk; NUTIS,
M.L., inzhener, redaktor; BRAYLOVSKIY, N.G., inzhener, redaktor;
YUDZON, D.M., tekhnicheskiy redaktor.

[Organized maintenance of railroad cars] Organizatsiia vagonnogo
khoziaistva. 3-e, ispr. i dop. izd. Moskva, Gos. transp. shel-dor.
izd-vo, 1954. 541 p. (MLRA 8:2)
(Railroads--Cars--Maintenance and repair)

ALFEROV, A.A.; ARTEMKIN, A.A.; ASHKENAZI, Ye.A.; VINOGRADOV, G.P.; GALEYEV, A.U.; GRIGOR'YEV, A.N.; D'YACHENKO, P.Ye.; ZALIT, N.N.; ZAKHAROV, P.M.; ZOBNIN, N.P.; IVANOV, I.I.; IL'IN, I.P.; KMETIK, P.I.; KUDRYASHOV, A.T.; LAPSHIN, F.A.; MOLYARCHUK, V.S.; PERTSOVSKIY, L.M.; POGODIN, A.M.; RUDOV, M.L.; SAVIN, K.D.; SIMONOV, K.S.; SITKOVSKIY, I.P.; SITHIK, M.D.; TETREEV, B.K.; TSETYRAIN, I.Ye.; TSUKANOV, P.P.; SHADIKYAN, V.S.; ADELUNG, N.N., retsenzent; AFANAS'YEV, Ye.V., retsenzent; VLASOV, V.I., retsenzent; VOROB'YEV, I.Ye., retsenzent; VORONOV, N.M., retsenzent; GRITCHENKO, V.A., retsenzent; ZHEREBIN, M.N., retsenzent; IVLIYEV, I.V., retsenzent; KAPORTSEV, N.V., retsenzent; KOCHUROV, P.M., retsenzent; ~~KHIVORUCHKO, N.Z.,~~ retsenzent; KUCHKO, A.P., retsenzent; LOBANOV, V.V., retsenzent; MOROZOV, A.S., retsenzent; ORLOV, S.P., retsenzent; PAVLUSHKOV, E.D., retsenzent; POPOV, A.N., retsenzent; PROKOP'YEV, P.P., retsenzent; RAKOV, V.A., retsenzent; SINEGUBOV, N.I., retsenzent; TEREIN, D.P., retsenzent; TIKHOMIROV, I.G., retsenzent; URBAN, I.V., retsenzent; FIALKOVSKIY, I.A., retsenzent; CHEPYZHEV, B.F., retsenzent; SHEBYAKIN, O.S., retsenzent; SHCHERBAKOV, P.D., retsenzent; GARNYK, V.A., redaktor; LOMAGIN, N.A., redaktor; MORDVINKIN, N.A., redaktor; NAUMOV, A.N., redaktor; POBEDIN, V.F., redaktor; RYAZANTSEV, B.S., redaktor; TVERSKOY, K.N., redaktor; CHEREVATYI, N.S., redaktor; ARSHINOV, I.M., redaktor; BARNLYAN, V.B., redaktor; BERNIGARD, K.A., redaktor; VERSHINSKIY, S.V., redaktor; GAMBURG, Ye.Yu., redaktor; DMRIRAS, A.T., redaktor; DOMEROVSKIY, K.I., redaktor; KOSHEYEV, A.I., redaktor; MIKHEYEV, A.P., redaktor

(Continued on next card)

ALFEROV, A.A. ---- (continued) Card 2.

MOSKVIN, G.N., redaktor; RUBINSHTEYN, S.A., redaktor; TSYPIH, G.S., redaktor; CHERNYAVSKIY, V.Ya., redaktor; CHERNYSHEV, V.I., redaktor; CHERNYSHEV, M.A., redaktor; SHADUR, L.A., redaktor; SHISHKIN, K.A., redaktor

[Railroad handbook] Spravochnaya knizhka zheleznodorozhnika. Izd. 3-e, ispr. i dop. Pod obshchey red. V.A.Garnyka. Moskva, Gos. transp.zhel-dor. izd-vo, 1956. 1103 p. (MLRA 9:10)

1. Nauchno-tekhnicheskoye obshchestvo zheleznodorozhnogo transporta. (Railroads)

KRIVORUCHKO, N.Z., kand. tekhn. nauk; TSIMIDANOV, V.M.

Assembly-line repair of all-metal passenger cars. Zhel. dor. transp.
40 no. 7:48d, 66-70 J1 '58. (MIRA 11:7)

1. Glavnyy inzhener sluzhby vagonnogo khozyaystva, Khabarovsk (for
TSimidanov).
(Railroads--Passenger cars--Maintenance and repair)

KRIVORUCHKO, Nikolay Zakharovich, kand. tekhn. nauk; SLUSHAYENKO, A.M., dotsent, retsenzent; YELISEYEV, F.G., dots., retsenzent; LEINET, K.S., dots., retsenzent; GLUKHOV, V.A., dots., retsenzent; KIYANOV, P.I., inzh., retsenzent; TSIMIDANOV, V.M., inzh., retsenzent; DOROFEYEV, V.G., inzh., retsenzent; KALEDENKOV, S.S., inzh., retsenzent; KOROLEV, A.N., inzh., retsenzent; LOKSHIN, Kh.A., inzh., retsenzent; FIRSOV, S.I., inzh., retsenzent; SHAKURSKIY, K.D., inzh., retsenzent; UTKIN, A.V., tekhn., retsenzent; VALETOV, A.I., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Operation, management, and repair of rolling stock] Vagonnoe khoz-
ialstvo. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putel
soobshchenia, 1961. 319 p. (MIRA 14:11)

1. Kafedra "Konstruktsiya, remont i ekspluatatsiya vagonov" Rostov-
skogo instituta inzhenerov zheleznodorozhnogo transporta (for all
except Valetov, Bobrova,.

(Railroads—Rolling stock)

KRIVORUCHKO, N.Z., kand.tokhn.nauk (g.Khabarovsk); TURKOV, A.I., inzh.
(g.Khabarovsk)

Mobile maintenance shop for technical inspection points. Zhel.dor.
transp. 43 no.4:74 Ap '61. (MIRA 14:3)
(Railroads—Maintenance and repair)

KRIVORUCHKO, N.Z., prof. (Khabarovsk)

Automation in the inspection of the technical condition of cars.
Zhel.dor.transp. 46 no.3:87-89 Mr '64. (MIRA 17:3)

KRIVORUCHKO, O.N.

Problems in diversified development of the economy and the
interregional relations of Kamchatka. Vest. Mosk. un. Ser.
5: Geog. 20 no.6:34-39 N-D '65. (MIRA 19:1)

1. Sovet po izucheniyu proizvodstvennykh sil pri Gosplane SSSR.
Submitted January 1965.

L 1295-62

EWP(j)/EPF(c)/EW(m)/BDS Pe-4/Pr-4 RM/WW/AB

ACCESSION NR: AP3005449

S/0204/63/003/004/0523/0530

AUTHORS: Krivonozhko, O. P.; Lapidus, A. L.; Samoylenko, Ye. A.; Yanovskiy, N. I.

TITLE: Production of acetylenic concentrates from the gaseous products obtained from electrocracking of liquid hydrocarbons by thermal displacement

SOURCE: Neftekhimiya, v. 3, no. 4, 1963, 523-530

TOPIC TAGS: acetylenic concentrate, liquid hydrocarbon electrocracking, electrocracking, He, toflon, helium, adipic acid

ABSTRACT: The gaseous products formed during electrocracking of liquid hydrocarbons contain products which are both heavier and lighter than acetylene. Based on this fact, it was assumed that it would be possible to obtain acetylene of higher purity by using the method of thermal displacement. An apparatus was constructed for this purpose which permits the study of the mechanism of the adsorption separation process of gaseous hydrocarbons by the stated

Card 1/2

L 15483-63

ACCESSION NR: AP3005449

2
method. The apparatus consists of a stainless steel column with 15 sections. Each section is 120 mm long and 15 mm inside diameter. These sections are connected by teflon fittings. The optimum conditions for the thermal displacement separation were obtained with a model mixture of $C_3H_8 + C_3H_6$. The carrier gas in this study was helium with a flow rate of 15 to 30 ml/min. The analysis of propane-propylene mixture was performed either by silicagel adsorption or by gas-liquid chromatography on an 8-meter column filled with INZ60D stationary phase and 20% by wt. of adipic acid dinitrile liquid phase. This study shows the possibility of obtaining acetylene concentrates from gaseous products from electrocracking of liquid hydrocarbons. Orig. art. has: 2 tables, and 7 figures.

ASSOCIATION: Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M. V. Lomonosova (Moscow institute of fine chemical technology); Institut khimicheskoy fiziki, AN SSSR (Institute of chemical physics, AN SSSR)

SUBMITTED: 16Jan63

SUB CODE: CH, PH

DATE ACQ: 06Sep63
NO REF SOV: 008ENCL: 00
OTHER: 000

Card 2/2